Programs After Market Services (PAMS)

Technical Documentation

SERVICE MANUAL

[NMP Part No.0275459]

NSW-4 SERIES CELLULAR PHONES

NOKIA

Issue 1 08/2000

Copyright © 2000. Nokia Mobile Phones Ltd. All Rights Reserved.

AMENDMENT RECORD SHEET

Amendment Number	Date	Inserted By	Comments
	08/00	A.Ashton	issue 1

© Nokia Mobile Phones Ltd.

NSW-4
SERIES CELLULAR PHONES
SERVICE MANUAL

CONTENTS:

Foreword

General Information

System Module

Product Variants

Service Software Instructions

Service Tools

Disassembly/Troubleshooting Instructions

Non–serviceable Accessories

Tuning Instructions

Loopset LPS-3

Schematic Diagrams

© Nokia Mobile Phones Ltd.

IMPORTANT

This document is intended for use by qualified service personnel only.

Company Policy

Our policy is of continuous development; details of all technical modifications will be included with service bulletins.

While every endeavour has been made to ensure the accuracy of this document, some errors may exist. If any errors are found by the reader, NOKIA MOBILE PHONES Ltd should be notified in writing.

Please state:

Title of the Document + Issue Number/Date of publication

Latest Amendment Number (if applicable)

Page(s) and/or Figure(s) in error

Please send to:

Nokia Mobile Phones Ltd
PAMS Technical Documentation
PO Box 86
24101 SALO
Finland

© Nokia Mobile Phones Ltd.

Warnings and Cautions

Please refer to the phone's user guide for instructions relating to operation, care and maintenance including important safety information. Note also the following:

Warnings:

1. CARE MUST BE TAKEN ON INSTALLATION IN VEHICLES FITTED WITH ELECTRONIC ENGINE MANAGEMENT SYSTEMS AND ANTI–SKID BRAKING SYSTEMS. UNDER CERTAIN FAULT CONDITIONS, EMITTED RF ENERGY CAN AFFECT THEIR OPERATION. IF NECESSARY, CONSULT THE VEHICLE DEALER/MANUFACTURER TO DETERMINE THE IMMUNITY OF VEHICLE ELECTRONIC SYSTEMS TO RF ENERGY.
2. THE HANDPORTABLE TELEPHONE MUST NOT BE OPERATED IN AREAS LIKELY TO CONTAIN POTENTIALLY EXPLOSIVE ATMOSPHERES EG PETROL STATIONS (SERVICE STATIONS), BLASTING AREAS ETC.
3. OPERATION OF ANY RADIO TRANSMITTING EQUIPMENT, INCLUDING CELLULAR TELEPHONES, MAY INTERFERE WITH THE FUNCTIONALITY OF INADEQUATELY PROTECTED MEDICAL DEVICES. CONSULT A PHYSICIAN OR THE MANUFACTURER OF THE MEDICAL DEVICE IF YOU HAVE ANY QUESTIONS. OTHER ELECTRONIC EQUIPMENT MAY ALSO BE SUBJECT TO INTERFERENCE.

Cautions:

1. Servicing and alignment must be undertaken by qualified personnel only.
2. Ensure all work is carried out at an anti–static workstation and that an anti–static wrist strap is worn.
3. Ensure solder, wire, or foreign matter does not enter the telephone as damage may result.
4. Use only approved components as specified in the parts list.
5. Ensure all components, modules screws and insulators are correctly re–fitted after servicing and alignment. Ensure all cables and wires are repositioned correctly.
6. All PC's used with NMP Service Software for this produce must be bios and operating system "Year 2000 Compliant".

© Nokia Mobile Phones Ltd.

This page intentionally left blank.

© Nokia Mobile Phones Ltd.